Fundamentals of AWS

Overview

Fundamentals of AWS by CloudThat is for anyone with an IT background who is interested in understanding what is Cloud Computing. It will equip you with basic knowledge of Cloud Technologies in use now. Cloud Computing has grown from being just a buzzword to a serious business decision that many businesses are contemplating. Therefore, knowledge about it is necessary to make a clear and strategic plan to move applications and services to the Cloud.

Prerequisite Comments

Some IT industry work experience or those pursuing a degree in the IT field

Target Audience

IT Professionals working in the software industry who wants to formally get the fundamental understanding of Cloud computing technologies
Software developers who wants to start understanding cloud technologies to be developing cloud applications in the future
Startups that wants to build their IT infrastructure in the cloud at a fraction of the cost of traditional methods
DBAs who want to morph into Cloud Database Administrators
System Administrators who wants to manage cloud infrastructure and networks
Students who wants to make their resumes more attractive to the prospective employers

Course Objectives

After completing this course, the participants can go on any AWS Certification track of their choice

Course Outline

What is Cloud Computing? Why it matters?

Traditional IT Infrastructure
Cloud Infrastructure and Cloud Advantage

Examples of Cloud Advantage

Cloud Companies

Use Cases

Cloud Segments: IaaS, PaaS, SaaS

Cloud Deployment Models

Cloud Security

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Overview of AWS Services

Regions

Availability Zones and Data Centers

AWS Credentials

Review of Major AWS Services

Hands-on: Simple Storage Service (S3) and Elastic Compute Cloud Labs